

REMARKS

Claim amendments

Claims 1 and 7-11 have been amended to more clearly indicate that the DNA fragment is combined with DNA comprising *one or more sequences* complementary to *one or more intergenic regions of* genomic DNA of the cell, under conditions in which hybridization between the DNA fragment and *the one or more sequences* complementary to *one or more intergenic regions of the* genomic DNA occurs; and *one or more sequences* complementary to *the one or more intergenic regions of* genomic DNA to which the DNA fragment hybridizes are identified. Support for the amendment can be found, for example, on page 2, line 26; page 3, line 20; page 6, line 25; page 7, line 25; page 11, lines 14 and 19; page 12, line 3; page 18, line 5; and Examples 1-4 of the specification.

New Claims 15-70 have been added.

Support for new Claims 15, 16, 29, 30, 46, 47, 62 and 63 can be found, for example, on page 15, lines 16-18 of the specification.

Support for new Claims 17, 31, 48 and 64 can be found, for example, on page 3, line 11 of the specification.

Support for new Claims 18, 32 and 49 can be found, for example, on page 5, line 11 and page 12, lines 11 and 24 of the specification.

Support for new Claims 19, 33, 50 and 65 can be found, for example, on page 6, line 23; page 7, line 10 and page 8, line 6 of the specification.

Support for new Claims 20, 34, 51 and 66 can be found, for example, on page 85, lines 12 and 19 of the specification.

Support for new Claims 21, 35, 52 and 67 can be found, for example, on page 31, line 8 and page 32, line 13 of the specification.

Support for new Claims 22, 36, 53 and 68 can be found, for example, on page 31, lines 4-9 and page 33, lines 25-26 of the specification.

Support for new Claims 23, 24, 37, 38, 54, 55, 69 and 70 can be found, for example, in Examples 3 and 4 of the specification.

Support for new Claims 25, 39 and 56 can be found, for example, on page 13, line 20 of the specification.

Support for new Claims 26 and 40 can be found, for example, on page 12, lines 12-13 of the specification.

Support for new Claims 27, 44 and 60 can be found, for example, on page 4, line 15 and page 37, line 3 of the specification.

Support for new Claims 28, 45 and 61 can be found, for example, on page 16, lines 5-6 of the specification.

Support for new Claims 41 and 57 can be found, for example, on page 14, line 24 of the specification.

Support for new Claims 42 and 58 can be found, for example, on page 14, line 26 - page 15, line 2 of the specification.

Support for new Claims 43 and 59 can be found, for example, on page 17, line 29 - page 18, line 1 of the specification.

No new matter has been added.

Traversal of the Restriction Requirement

As indicated in the MPEP:

If the search and examination of an entire application can be made without serious burden, the examiner must examine it on the merits, even though it includes claims to distinct or independent inventions (MPEP 803, 8th edition, page 800-4, column 1).

A search of the methods in the subject application can be made without serious burden since the art that will be searched for the claimed subject matter of Groups I and II involves genes or genomic DNA of a cell bound by DNA binding protein present in the cell.

Therefore, although the subject application includes distinct or independent invention, Applicants respectfully request that the restriction requirement be withdrawn.

Second Supplemental Information Disclosure Statement

A Second Supplemental Information Disclosure Statement (IDS) is being filed concurrently herewith. Entry of the IDS is respectfully requested.

CONCLUSION

In view of the above amendments and remarks, it is believed that all claims are in condition for allowance, and it is respectfully requested that the application be passed to issue. If the Examiner feels that a telephone conference would expedite prosecution of this case, the Examiner is invited to call the undersigned.

Respectfully submitted,

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Dated:

January 6, 2005